

NC/QC/YPD/2020-21/BW-W1

Date: 02-12-2020

TEST REPORT ON WET MIX MACADAM MIX (GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

{Project*: Drilling of new borewells and providing pipeline in ward no. 07.}

Ref.: Material testing/QC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. U. Ramesh, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	98.30	95-100
26.50	---	-
22.40	71.90	60-80
11.20	49.35	40-60
4.75	28.10	25-40
2.36	17.55	15-30
0.600	19.40	8-22
0.075	3.05	0-5

Page No. 1/2,

[Handwritten signature]



[Handwritten signature]
Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP Bangalore - 92

Date: 02-12-2020

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)- 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	27.17%	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	28.66%	Not more than 35.0 %
3.	Water absorption, %	0.44 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

Page No. 2/2



Handwritten signature
Handwritten signature
Handwritten signature
Asst. Executive Engineer
Project Division
Yelbhanika Zone
BBMP, Bangalore - 92